Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For Other Works)

(2)

No. First & Final Bill
Date.....20.....

Division : Dasarahalli
Sub-Division: T.Dasarahalli
Bill Received No.....Dated.....Cash Book Voucher No.....dated.....
Scheduled Docket No

Name of Work (as per sanctioned estimate): **Improvements to road 8th,9th,10th main and 7th A, 8th A Cross, 5th B, 17th cross and other cross road at MEI layout and 8th B, 9th cross, 5th,18th Main and Other cross roads and Re-Construction of CC roads at MEI Layout in Ward No.14 Dasarahalli Sub-division Package No-DZ 2017-18 (2)(4 Works)**

Name of Contractor and Full Address : **M.S.V.Constructions Company** , EST cost - 195.00 Lakhs

Reference to Agreement No. EE/DD/AGR/ /20-21 **Date:**

Certified that the measurements were taken by me on 18/04/22 and recorded of pages 33060 to 33064 measurement Book No. 331/2008-09 and that the work is satisfactorily executed.

ಎಂ.ಎಸ್.ಎಂ ಕಂಪನಿಗಳು.
Contractor

Officer-in-charge of work

Certified that the measurements were taken by me on _____ and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

If Memorandum of Payment

1) Total value of work done or supplies made as per account
2) Deduct amount to be held in reserve being.....percent Rs.....
3) Deduct amount to be held in reserve being Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No.....
   date .....less adjustments
7) Net amount due to or from contractor
   Unadjusted items
8) Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied

1st and Final Bill →	2224803 4-00	
IT →	4 44961-00	1494113/-
WC →	222480-00	
CBF →	22248-00	
R/C →	40 0258-00	
Fine →	6880-00	
CESS →	19 8643-00	
GST →	19 8643-00	
Net →	20753921-00	

ಎಂ.ಎಸ್.ಎಂ ಕಂಪನಿಗಳು.
Contractor's Signature

Received Rs.....(in works)

By Cash and by adjustment of Payment as per memorandum

Witnesses :

1.

2.

Dated.....

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

Audited and admitted for Rs 2224803 4-00
Passed by Cheque for Rs 20753921-00
Two Crore seven Lakhs fifty three thousand Nine hundred twenty one only
by adjustment Rs 1494113-00

Accountants Superintendent
Exe. Engineer
B.B.M.P. Dasarahalli Division

(For use in the Office)

ಎಂ.ಎಸ್.ಎಂ ಕಂಪನಿಗಳು.
Signature of Contractor

Initials of Officer Making Payment Dated ..... **Executive Engineer**

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Sl	Description of item	Unit
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 metres and an average lift upto 1.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.	Cum
2	Removing BS Slab and stacking etc Complete.	Sqm
3	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum
4	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 -Fe 500	Tonnes
5	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 Kgs with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc, complete excluding cost of steel as per MORTH specification No. 1500,1700,2200 including cost of materials, labour, HOM of complete as per specifications.-do-wall & bottom 15cm	Cum
6	Precast Slab 100mm thick (data rate)	Sqm
7	Precast Slab 250mm thick (data rate)	Sqm
8	Earthwork in soil with hydraulic excavator of 0.90cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes. In accordance with requirements of lines, grades and cross sections and transporting to the embankment location and complete as per specifications.	Cum
9	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3	Sqm
10	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum

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Previous Measurement		Present Measurement			Total Up-to-date		Remarks
Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
–	–	1424.42	196.27	279570.52	1424.42	279570.52	
–	–	1976.64	69.01	136407.93	1976.64	136407.93	
–	–	158.40	5416.97	858064.30 858048-00	158.40	858064.30 858048.00	
–	–	29.25	97295.12	2845938.64 2845882.00	29.25	2845938.64 2845882.00	
–	–	445.01	7423.71	3303610.34 3303625.00	445.01	3303610.34 3303625.00	
–	–	1137.06	2453.85	2790174.68	1137.06	2790174.68	
–	–	81.54	5688.90	463872.91	81.54	463872.91	
–	–	755.54	156.20	118015.29	755.54	118015.29	
–	–	3284.96	5.57	18297.20	3284.96	18297.20	
–	–	656.99	1856.48	1219690.65 1219689.00	656.99	1219690.65 1219689.00	

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Sl	Description of item	Unit
11	Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @160Kgs, with 25mm and down sizegraded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub- base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications.MORTH Specification No. 601 -do- with OPC at 150 Kg/cum and coarse aggregate 0.86 cum, fine aggregate 0.58cum using concrete Batch mix Plant at 75 cum/hr capacity with slip form paver with electronic sensor	Cum
12	Cement Concrete Pavement. Construction of Un-Reinforced Plain Cement Concrete Pavement, thickness as per design, over a prepared sub base with 43 grade cement or any other typa as per clause 1051.2.2 design mix, with 25 mm and down size graded granite metal coarse and fine aggregates, with superplastisiser @31. Its confirming to IS 9103 - 1999 Reaffirmed - 2008, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approval fixed side form work (Steel Channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including leveling the form work as per drawing. Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation, membrane, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. M30 (At 270 kg, per cum coarse aggregate @ 0.69 cum and fine aggregate @ 0.46 cum) replacing 25% (90 Kg) of cement content with Ground	Cum
13	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.	Sqm
14	Providing groove cutting for width of 5mm to 10mm and depth80mm-100mm including cost of cutting machine, generator & HOM of machinery, including cost of blade,coolant etc., including cleaning of groove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications.	Rmt
	As per Agreement Qty	
	Upto 125% Qty	
	Above 125% Qty	

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Previous Measurement		Present Measurement			Total Up-to-date		Remarks
Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
–	–	328.50	3990.11	1310733.18 1310751.00	328.50	1310733.18 1310751.00	
–	–	492.74	6528.86	3217051.70 3217030.00	492.74	3217051.70 3217030.00	
–	–	3284.96	100.17	329053.94	3284.96	329053.94	
				0.00	0.00	0.00	
–	–	575.00	128.00	73600.00	575.00	73600.00	
–	–	143.75	128.00	18400.00	143.75	18400.00	
–	–	544.75	128.00	69728.00	544.75	69728.00	

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Sl	Description of item	Unit
15	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5	Sqm
16	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501	Sqm
17	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 -using 100/120 TPH capacity H.M.P. with sensor paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30	Cum
18	Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % VG-30 Bitumen	Cum
19	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803	Sqm

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Previous Measurement		Present Measurement			Total Up-to-date		Remarks
Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
–	–	7599.94	13.36	101535.13	7599.94	101535.13	
–	–	6307.84	3.34	21068.17	6307.84	21068.17	
–	–	64.61	7476.02	482988.27 483026-00	64.61	482988.27 483026.00	
–	–	252.31	8524.47	2150838.01 2150809.00	252.31	2150838.01 2150809-00	
–	–	97.80	569.86	55732.31	97.80	55732.31	
			Sub total	19864371.17		19864371.17	19864316-00
			GST Charges 12%	2383724.54		2383724.54	2383718-00
			Grand Total	22248095.71		22248095.71	22248034-00

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಮಾಗಡಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ ಮುಖ್ಯ ರಸ್ತೆ
ಬೆಂಗಳೂರು-೫೬೦೦೭೩.